

# Heat of Combustion

## Objective:

In this experiment you will determine the heat of combustion of three fuels through the experimental technique called calorimetry. Based on your result you will calculate the calorific value of the fuel and determine which the best fuel is. You should also come up with possible reasons why your results may be right theoretical explanation.

- Research and come up with a possible lab procedure for setting up your equipments and performing the experiment.
- Include safety concerns that should be addressed
- Make a list of equipments that may be used to perform the experiment.
- Submit a draft of the procedure adopted for the lab to your teacher and discuss if the materials required are available and the lab activity can be performed.
- Choose a convenient time for your experiment, record your data and present your findings as instructed.